

GIS REGISTRY INFORMATION

SITE NAME:	Novak's Service Center			FID #	
BRRS #:	03-36-116130			(if appropriate):	
COMMERCE # (if appropriate):	54220-5144-20				
CLOSURE DATE:	1/12/04				
STREET ADDRESS:	1320 Washington St				
CITY:	Manitowoc				
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	X =	706852	Y =	404419	
CONTAMINATED MEDIA:	Groundwater		Soil		Both x
OFF-SOURCE GW CONTAMINATION >ES:	Yes		No		x
• IF YES, STREET ADDRESS:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	Yes		No	x	
• IF YES, STREET ADDRESS 1:					
• GPS COORDINATES (meters in WTM91 projection):	X =		Y =		
CONTAMINATION IN RIGHT OF WAY:	Yes	x	No		
<u>DOCUMENTS NEEDED</u>					
Closure Letter, and any conditional closure letter issued					x
Copy of most recent deed, including legal description, for all affected properties					x
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties					x
County Parcel ID number, if used for county, for all affected properties					x
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.					x
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.					x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)					x
Tables of Latest Soil Analytical Results (no shading or cross-hatching)					x
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.					x
GW: Table of water level elevations, with sampling dates, and free product noted if present					x
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)					x
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour					x
Geologic cross-sections, if required for SI. (8.5x14' if paper copy)					x
RP certified statement that legal descriptions are complete and accurate					x
Copies of off-source notification letters (if applicable)					na
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)					x
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure					na



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
2129 Jackson Street
Oshkosh, Wisconsin 54901-1805
TDD #: (608) 264-8777
Fax #: (920) 424-0217
<http://www.commerce.state.wi.us>
<http://www.wisconsin.gov>
Jim Doyle, Governor
Cory L. Nettles, Secretary

January 12, 2004

Mr. Gary L. Novak
Novak's Service Center
1320 Washington Street
Manitowoc, WI 54220

RE: **Final Closure**

Commerce # 54220-5144-20 **WDNR BRRS # 03-36-116130**
Novak's Service Center, 1320 Washington Street, Manitowoc

Dear Mr. Novak:

The Wisconsin Department of Commerce (Commerce) has received the items required as the condition for closure for the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. It is in your interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert H. Klauk', with a stylized flourish at the end.

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Thomas J. Mueller – The Environmental Management Company LLC
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
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Jim Doyle, Governor
Cory L. Nettles, Secretary

October 7, 2003

Mr. Gary Novak
Novak's Service Center
1320 Washington Street
Manitowoc, WI 54220

RE: **Conditional Case Closure**

Commerce # 54220-5144-20 **WDNR BRRS # 03-36-116130**
Novak's Service Center, 1320 Washington Street, Manitowoc

Dear Mr. Novak:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by The Environmental Management Company LLC for the site referenced above. It is understood that residual soil and groundwater contamination remain on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following condition must be satisfied to obtain final closure:

- Documentation of the abandonment (WDNR Abandonment Form 3300-5B) of monitoring wells MW-1, MW-2, MW-4 through MW-7 and temporary monitoring wells TW-1 and TW-2.

This letter serves as your written notice of "no further action." Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0046.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert H. Klauk'.

Robert H. Klauk, PG
Hydrogeologist
Site Review Section

cc: Jeffrey L. Hosler – The Environmental Management Company LLC
Case File

611533

RECEIVED FOR RECORD

VOLUME 760 PAGE 285

1985 MAR 13 AM 10:02

MANITOWOC COUNTY, WIS.
ROBERT B. FRANCK
REGISTER OF DEEDS

This indenture, Made this 7th day of August
A. D. 1985, between MOBIL OIL CORPORATION*
a Corporation duly organized and existing under and by
virtue of the laws of the State of Wisconsin, located at 3225 Gallows Rd, Fairfax,
Virginia 22037-0001, party of the first part, and GARY NOVAK of 1320 Washington St.,
Manitowoc, WI 54220

part Y of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum
of Ten Dollars (\$10.00) and all other good and valuable
to it paid by the said part Y of the second part, the receipt whereof is hereby confessed and
acknowledged, has given, granted, bargained, sold, remised, released, and quit-claimed, and by
these presents does give, grant, bargain, sell, remise, release and quit-claim unto the said
part Y of the second part, and to his heirs, and assigns forever the following described real estate, situated in the
County of Manitowoc, State of Wisconsin, to-wit:

RETURN TO

First Interstate Bank of WI
Two Rivers, WI 54241

201.00 + 300.00

W-7

PARCEL ONE:

The West seventy-five (75) feet of Lot Number Eighteen (18), also the South ten (10)
feet of the West seventy-five (75) feet of Lot Number Fifteen (15); all in Block
Number Two Hundred Forty-four (244), in the City of Manitowoc, Wisconsin, according
to the recorded plat thereof.

PARCEL TWO:

The East 1/3 of Lots 15 and 18, Block 244 of the Original Plat of the City of Manitowoc,
Wisconsin and more particularly described as follows:

Commencing at the intersection of the North line of Washington Street and the east
line of South 14th Street, thence east along the North line of Washington Street
a distance of 100.05 feet to the point of real beginning, thence East along the
North line of Washington Street, a distance of 50.03 feet, thence North and parallel
to the East line of South 14th Street a distance of 121.00 feet to the North line
of Lot 15, thence West along the North line of said Lot 15, a distance of 50.03
feet, thence South and parallel to the east line of South 14th Street a distance
of 120.99 feet to the point of real beginning.

PARCEL THREE:

The East 25 feet of the West 2/3 of Lots 15 and 18, block 244 of the Original Plat
of the City of Manitowoc, Wisconsin and more particularly described as follows:

TRANSFER

\$ 201.00

FEE

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

To Have and to Hold the same, together with all and singular the appurtenances and privileges thereunto belonging or in any wise
thereunto appertaining, and all the estate, right, title, interest and claim whatsoever of the said party of the first part, either in law or equity,
either in possession or expectancy of, to the only proper use, benefit and behoof of the said part Y of the second part, its
heirs and assigns FOREVER.

In Witness Whereof, the said Mobil Oil Corporation
party of the first part, has caused these presents to be signed by R. L. STAHL
its Authorized Officer, and countersigned by W. T. OATES JR. SENIOR ASSISTANT
at NEW YORK, NEW YORK, its Secretary,
on the 7th day of August, A. D. 1985, and its corporate seal to be hereunto affixed, this

SIGNED AND SEALED IN PRESENCE OF

MOBIL OIL CORPORATION

Corporate Name
ASSISTANT CONTROLLER
(Authorized Officer)

R. L. STAHL

Authorized Officer

ATTEST:

SENIOR ASSISTANT

W. T. OATES JR.

Secretary

Christine Phylis
William Shalam
Vivian Shalam
STATE OF NEW YORK
NEW YORK County, ss.

R. L. STAHL came before me, this 7th day of August, A. D. 1985
Authorized Officer, President, and W. T. OATES JR. SENIOR Assistant
of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such
SISTANT CONTROLLER (Authorized Officer) Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of
said Corporation, by its authority.

THIS INSTRUMENT WAS DRAFTED BY
S. Gulbrandsen
3225 Gallows Road
Fairfax, Virginia 22037

JOSEPH ZOLNOWSKI
Notary Public, State of New York
No. 41-9810950
Qualified in Queens County
Certificate issued by New York County Notary Public,
Term Expires MARCH 30, 1986

My commission (expires)

MARCH 30, 1986

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(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon
the names of the grantors, grantees, witnesses and notary. Section 59.513 similarly requires that the name of the person who, or govern-
mental agency which, drafted such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner.)

QUIT CLAIM DEED—By Corporation

STATE OF WISCONSIN
FORM No. 12Wisconsin Legal Blank Company
Milwaukee, Wis.

Legal Description Continued

Commencing at the intersection of the North line of Washington Street and the East line of South 14th Street, thence East along the North line of Washington Street, 75.04 feet to the point of beginning; thence East along the North line of Washington Street 25.01 feet; thence North and parallel with the East line of South 14th Street a distance of 120.99 feet to the North line of Lot 15; thence West along the North line of said Lot 15, 25.01 feet; thence South and parallel with the East line of South 14th Street 120.98 feet to the point of beginning.

THIS CONVEYANCE IS SUBJECT TO all covenants, conditions, restrictions, easements and reservations of record, if any.

* originally named Standard Oil Company of New York, that name having been duly changed to Socony-Vacuum Corporation on July 30, 1931, and subsequently duly changed to Socony Vacuum Oil Company, Incorporated on May 31, 1934, and thereafter on April 29, 1955, duly changed to Socony Mobil Oil Company, Inc., and that name having been duly changed to Mobil Oil Corporation, on May 18, 1966,

W-7

By the Consent of Directors of MOBIL OIL CORPORATION dated as of Thursday, the 2nd day of May, 1985, the Board of Directors adopted the following resolution:

RESOLVED, that effective May 2, 1985, the Treasurer, the Controller, the Assistant Treasurers, the Assistant Controllers, and each of them, be and they hereby are authorized to execute, acknowledge and deliver any and all instruments in the name and on behalf of this Corporation, including without limiting the generality of the foregoing, deeds conveying real estate, with the same force and effect as if specific authority were granted by this Board in each particular instance; and the Secretary or an Assistant Secretary is hereby authorized to attest the execution of such instruments and to affix the Corporate Seal thereto.

I, W. T. OATES, JR. , Senior Assistant Secretary of MOBIL OIL CORPORATION, do hereby certify that the foregoing resolution is a true copy from the records of said MOBIL OIL CORPORATION, and that said resolution is now in full force and effect.

IN TESTIMONY WHEREOF, I have signed my name and affixed the Corporate Seal at New York, N.Y., this 7th day of August, 1985.



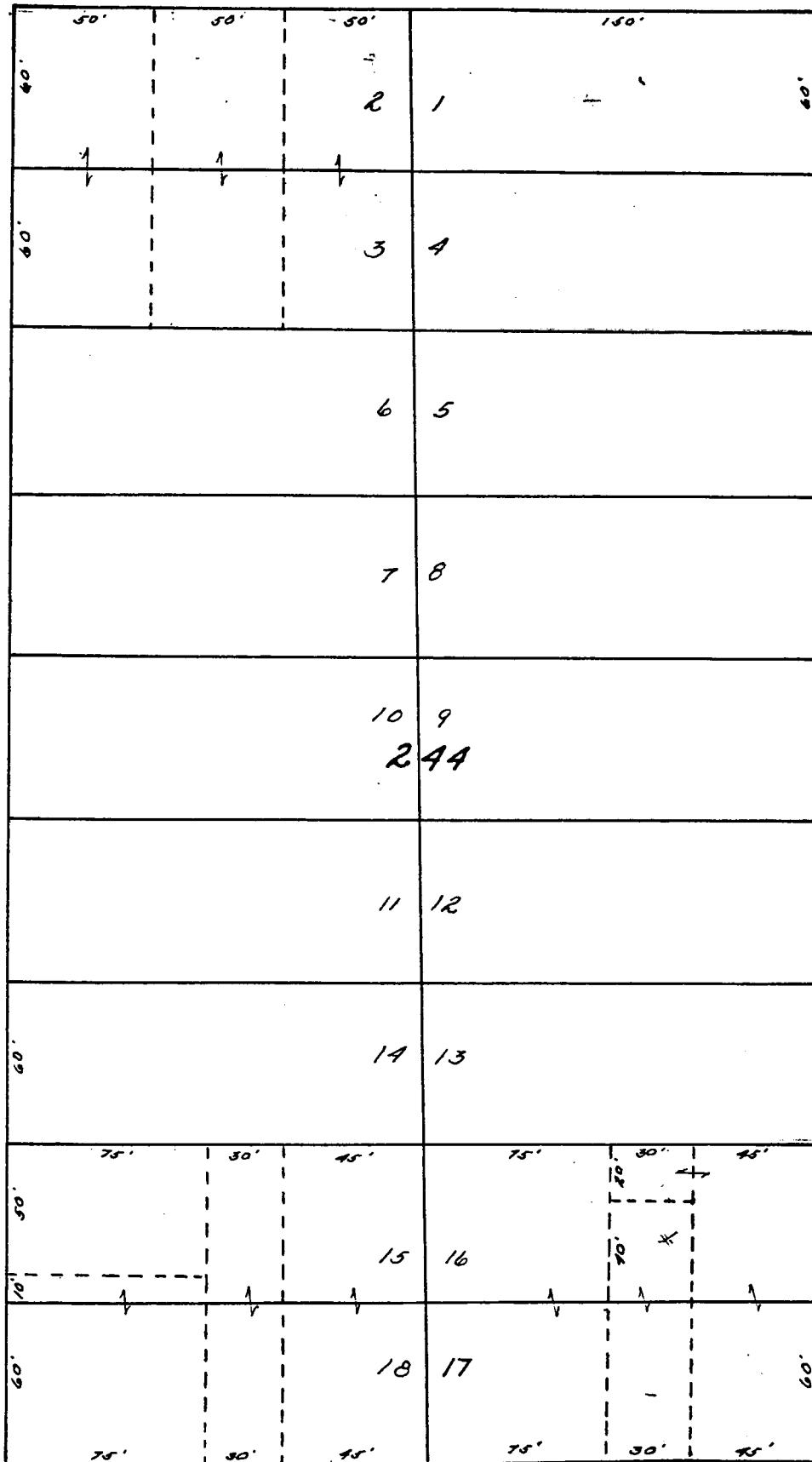

Senior Assistant Secretary

1" - 60'

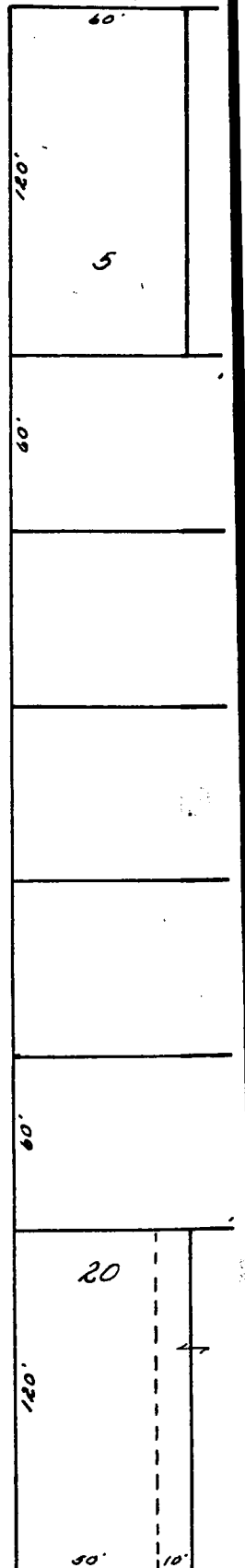
Franklin

Street

S. 14th Street



S. 13th Street



Washington

Street

Parcel Nbr: 52 000-244-180.00

CITY OF MANITOWOC

Owners Name & Address

Phys Addr: 1320 WASHINGTON ST

NOVAK GARY L

711 N 10TH ST

MANITOWOC WI 54220-3903

School: 3290 MANITOWOC SCHOOL

Voctnl: 0000

Phone#

***** LEGAL DESCRIPTION *****
LOT 18 & LOT 15 EX. N 50' OF
W 75' THEREOF BLK. 244

Parcel Acreage:

	Acres	Land	Improve	Special Districts	
.330		57000	25900		
1. Residential					
2. Mercantile					
3. Manufacturg					
4. Agricultural					
5. Swmp Waste				Pfc/Wtl/Mfl	Exempt Acres
6. Prod. Forest					
7. Other					
8. Other-Farmst				Sec 00 Twn 00	Rng 00
Totals:	.000	57000	25900	00 00	00



FIGURE 1

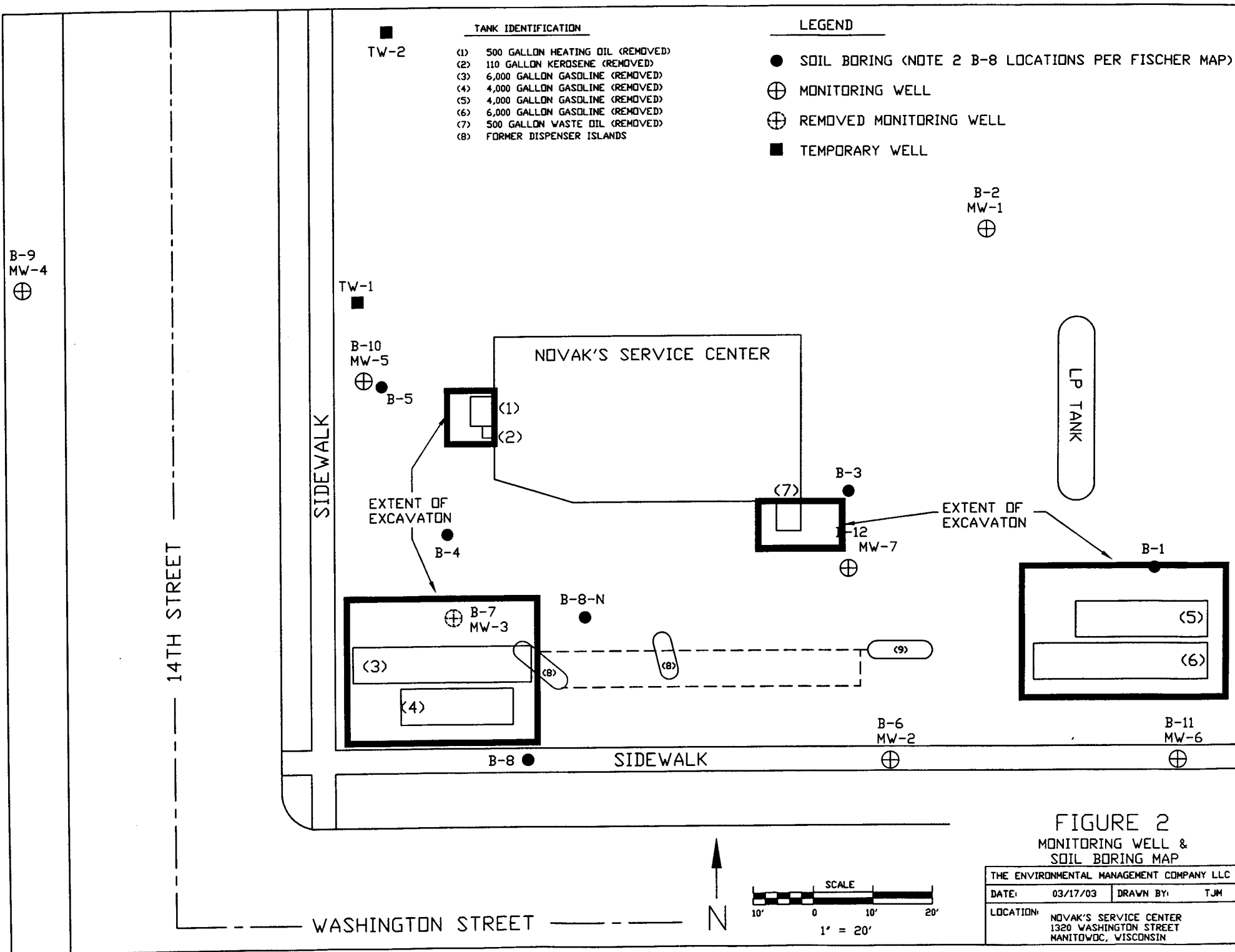


TABLE 4 GROUNDWATER SAMPLE ANALYTICAL RESULTS - PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC), 1,2 DCA, LEAD AND NAPHTHALENE NOVAK'S SERVICE CENTER MANITOWOC, WISCONSIN										
Sample ID	Sample Date	Benzene (µg/l)	Ethylbenzene (µg/l)	Toluene (µg/l)	Xylenes (µg/l)	Trimethylbenzenes (µg/l)	MTBE (µg/l)	Naphthalene (µg/l)	1,2 DCA (µg/l)	Total Lead (µg/l)
MW1	10/10/97	ND	0.28	ND	ND	ND	15	ND	0.31	ND
	01/29/98	ND	ND	0.42	0.73	0.43	23	ND	0.52	NA
	05/06/98	ND	ND	ND	ND	ND	16	ND	ND	NA
MW2	10/10/97	ND	ND	ND	ND	ND	770	ND	ND	ND
	01/29/98	1.2	1.6	5.4	8.4	5.7	580	ND	ND	NA
	05/06/98	ND	ND	ND	ND	ND	160	ND	ND	ND
	09/21/99	20	0.65'	ND	7.9	3.3	200	ND	NA	NA
	12/02/02	ND	ND	ND	ND	ND	74	ND	ND	NA
MW3	10/10/97	7,400	1,900	17,000	9,400	1,800	840	420	ND	ND
	01/29/98	4,500	1,800	8,800	6,900	1,970	1,100	290	ND	NA
	05/06/98	7,100	1,500	16,000	6,800	1,430	1,800	200	ND	ND
MW4	01/29/98	ND	ND	ND	ND	ND	ND	ND	ND	ND
	05/06/98	ND	ND	ND	ND	ND	ND	ND	ND	ND
	09/21/99	ND	ND	ND	ND	ND	ND	ND	NA	NA
PAL		0.50	140	68.60	124	96	12	8	0.50	1.50
ES		5	700	343	620	480	60	40	5	15
Outlined & Bold = Concentration above PAL only Outlined & Italics = Concentration above ES										
µg/l = Micrograms per liter NA = Not Analyzed ND = Not Detected										
July 8, 2003										

TABLE 4
GROUNDWATER SAMPLE ANALYTICAL RESULTS - PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC), 1,2 DCA, LEAD AND NAPHTHALENE
NOVAK'S SERVICE CENTER
MANITOWOC, WISCONSIN

Sample ID	Sample Date	Benzene (µg/ l)	Ethylbenzene (µg/ l)	Toluene (µg/ l)	Xylenes (µg/ l)	Trimethylbenzenes (µg/ l)	MTBE (µg/ l)	Naphthalene (µg/ l)	1,2 DCA (µg/ l)	Total Lead (µg/ l)
MW5	01/29/98	4,500	38	19	3,400	910	890	57	ND	NA
	05/06/98	5,600	36	28	3,100	1,110	690	120	ND	ND
	09/21/99	1,100	8.9 ^I	7.6 ^I	1,231	580	27	100	NA	NA
	12/02/02	2,400	640	ND	4,200	750	ND	180	ND	NA
	05/13/03	2,300	830	36 ^Q	3,000	609	ND	120	ND	NA
MW6	01/29/98	ND	ND	0.77	1.23	0.30	2.2	ND	ND	NA
	05/06/98	0.57	ND	ND	ND	ND	9.6	ND	ND	NA
MW7	01/29/98	ND	ND	ND	ND	ND	20	ND	ND	NA
	05/06/98	ND	ND	ND	ND	ND	17	ND	ND	ND
	09/21/99	ND	ND	ND	2.1 ^I	1 ^I	69	ND	NA	NA
	12/02/02	ND	ND	ND	ND	ND	48	ND	ND	NA
TW1	05/06/98	ND	1.8	ND	5.3	12.4	ND	ND	ND	NA
TW2	05/06/98	ND	ND	ND	ND	ND	ND	ND	ND	NA
PAL		0.50	140	68.60	124	96	12	8	0.50	1.50
ES		5	700	343	620	480	60	40	5	15

Outlined & Bold = Concentration above PAL only
 Outlined & Italics = Concentration above ES

µg / l = Micrograms per liter
 NA = Not Analyzed

ND = Not Detected

July 8, 2003

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
NOVAK'S SERVICE CENTER
1320 WASHINGTON STREET
MANITOWOC, WI 54220
May 11 & 12, 1999

Parameter (mg/kg)	Sample FO-9.5'	Sample WO-8'	Sample SWG-9'	Sample U-8'	Sample SEG-9.5'	RCL	Suggested RCL (Groundwater Pathway)
GRO	NA	NA	5,000	NA	3,000	250	
DRO	2,000	28	NA	NA	610	250	
Benzene	<0.025	<0.025	92	<0.025	29	0.0055	
Ethylbenzene	0.027	<0.025	180	<0.025	75	2.9	
Toluene	0.066	0.082	590	0.058	210	1.5	
Xylenes	0.34	0.074	820	0.066	370	4.1	
MTBE	<0.025	<0.025	3.30	<0.025	<0.5	---	
1,2,4 Trimethylbenzene	1.3	0.043	290	<0.025	190	---	
1,3,5 Trimethylbenzene	0.48	0.025	88	<0.025	56	---	
Lead	NA	NA	42	NA	14 ^J	50*	
Benz (a) anthracene	NA	<0.023	NA	0.03 ^J	<0.12		17
Benzo (b) fluoranthene	NA	0.049 ^J	NA	<0.046	<0.23		360
Benzo (g,h,i) perylene	NA	0.062 ^J	NA	<0.029	<0.15		6800
Dibenz (a,h) anthracene	NA	0.048 ^J	NA	<0.018	<0.09		38
Fluoranthene	NA	0.1 ^J	NA	<0.038	<0.19		500
Indeno (1,2,3-cd) pyrene	NA	0.064	NA	0.02 ^J	<0.09		680
1-Methyl naphthalene	NA	0.032 ^J	NA	<0.031	7.20		23
2-Methyl naphthalene	NA	<0.021	NA	<0.021	16		20
Naphthalene	NA	0.034 ^J	NA	<0.03	11		0.4
Phenanthrene	NA	0.061 ^J	NA	0.041 ^J	<0.18		1.8
Pyrene	NA	0.084 ^J	NA	0.063 ^J	<0.23		8700

mg/kg = Milligrams per Kilogram
NA = Not Analyzed
J = Detected between limit of detection and limit of quantification

RCL = Residual contaminant level
* = Direct contact RCL - non-industrial

Outlined = Concentration Above Residual Contaminant Level

March 7, 2003

TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS - PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC), 1,2 DCA, AND LEAD
NOVAK'S SERVICE CENTER
MANITOWOC, WISCONSIN

Sample ID	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes	Trimethylbenzenes	MTBE	1,2 DCA	Total Lead
Gray 10' bgs	10/10/00	2.7	5.2	2.3	17.8	10.8	0.19	ND	ND
Brown 11' bgs	10/10/00	0.120	0.280	0.680	1.630	0.890	ND	ND	ND
Deep 12' bgs	10/10/00	ND	0.062	0.060	0.350	0.337	ND	ND	ND
Residual Contaminant Levels		0.0055	2.90	1.5	4.10	- - -	- - -	0.0049	50
Outlined & Bold = Concentration above RCL only µg / l = Micrograms per liter ND = Not Detected March 17, 2003									

Table 3
SOIL SAMPLE ANALYTICAL RESULTS
POLYAROMATIC HYDROCARBONS (PAH)
NOVAK'S SERVICE CENTER
MANITOWOC, WISCONSIN
All Contaminants Shown In (mg/kg)

Sample ID	Grey 10' bgs 10/10/00	Brown 11' bgs 10/10/00	Deep 12' bgs 10/10/00	Suggested Generic RCL (1)
Acenaphthene	ND	ND	ND	38
Acenaphthylene	ND	ND	ND	0.7
Anthracene	ND	ND	ND	3000
Benzo (a) anthracene	ND	ND	ND	17
Benz (a) pyrene	ND	ND	ND	48
Benzo (b) fluoranthene	ND	ND	ND	360
Benzo (ghi) perylene	ND	ND	ND	6800
Benzo (k) fluoranthene	ND	ND	ND	870
Chrysene	ND	ND	ND	37
Dibenz (a,h) anthracene	ND	ND	ND	38
Fluoranthene	ND	ND	ND	500
Fluorene	ND	ND	ND	100
Indeno (1,2,3-cd) pyrene	ND	ND	ND	680
1-Methyl naphthalene	0.420	0.033 ^J	ND	23
2-Methyl naphthalene	0.830	0.060 ^J	0.025 ^J	20
Naphthalene	1.2	0.057 ^J	ND	0.4
Phenanthrene	ND	ND	ND	1.8
Pyrene	ND	ND	ND	8700

(1) = for protection of groundwater
mg/kg = milligrams per kilogram

^J = detected between LOD & LOQ
ND = no detect

March 17, 2003

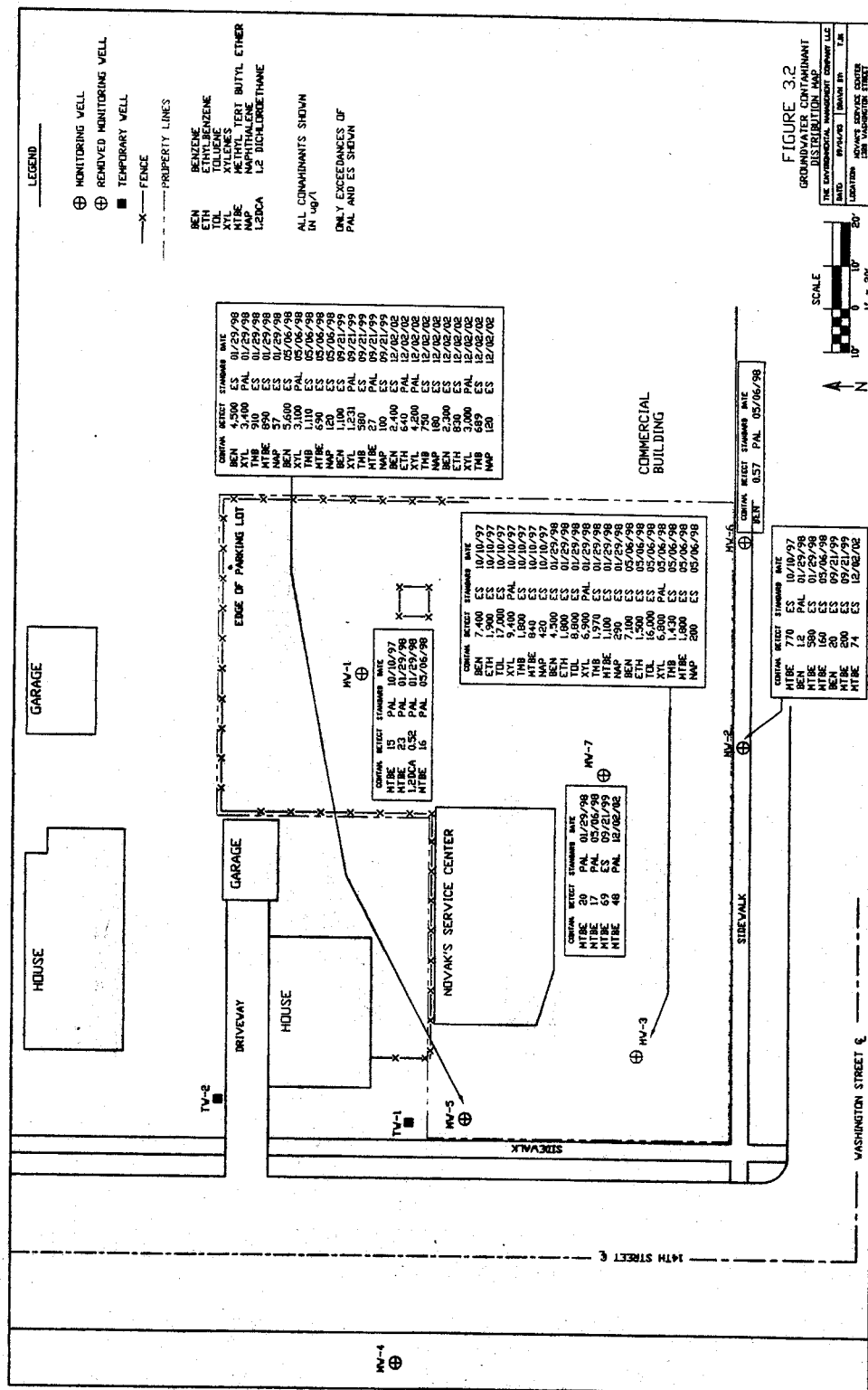


Table 6
GROUNDWATER ELEVATION MEASUREMENTS
 (Using Temporary Bench Mark)
 Novak's Service Center
 1320 Washington Street • Manitowoc, WI
 Recorded in Feet

Well ID	Date	Top of Casing Elevation	Depth to Water from Top of Casing	Groundwater Elevation
MW-1	01/29/98	100.09	9.99	90.10
	02/26/98		8.35	91.74
	05/06/98		8.03	92.06
MW-2	01/29/98	99.63	8.54	91.09
	02/26/98		8.15	91.48
	05/06/98		7.69	91.94
	09/21/99		8.33	91.30
	12/02/02		8.49	91.14
MW-3	01/29/98	98.24	8.58	89.66
	02/26/98		8.08	90.16
	05/06/98		7.89	90.35
MW-4	01/29/98	97.13	8.07	89.06
	02/26/98		7.61	89.52
	05/06/98		7.38	89.75
	09/21/99		8.10	89.03
MW-5	01/29/98	97.39	8.27	89.12
	02/26/98		7.78	89.61
	05/06/98		7.48	89.91
	09/21/99		8.12	89.27
	12/02/02		8.02	89.37
	05/13/03		6.89	90.50

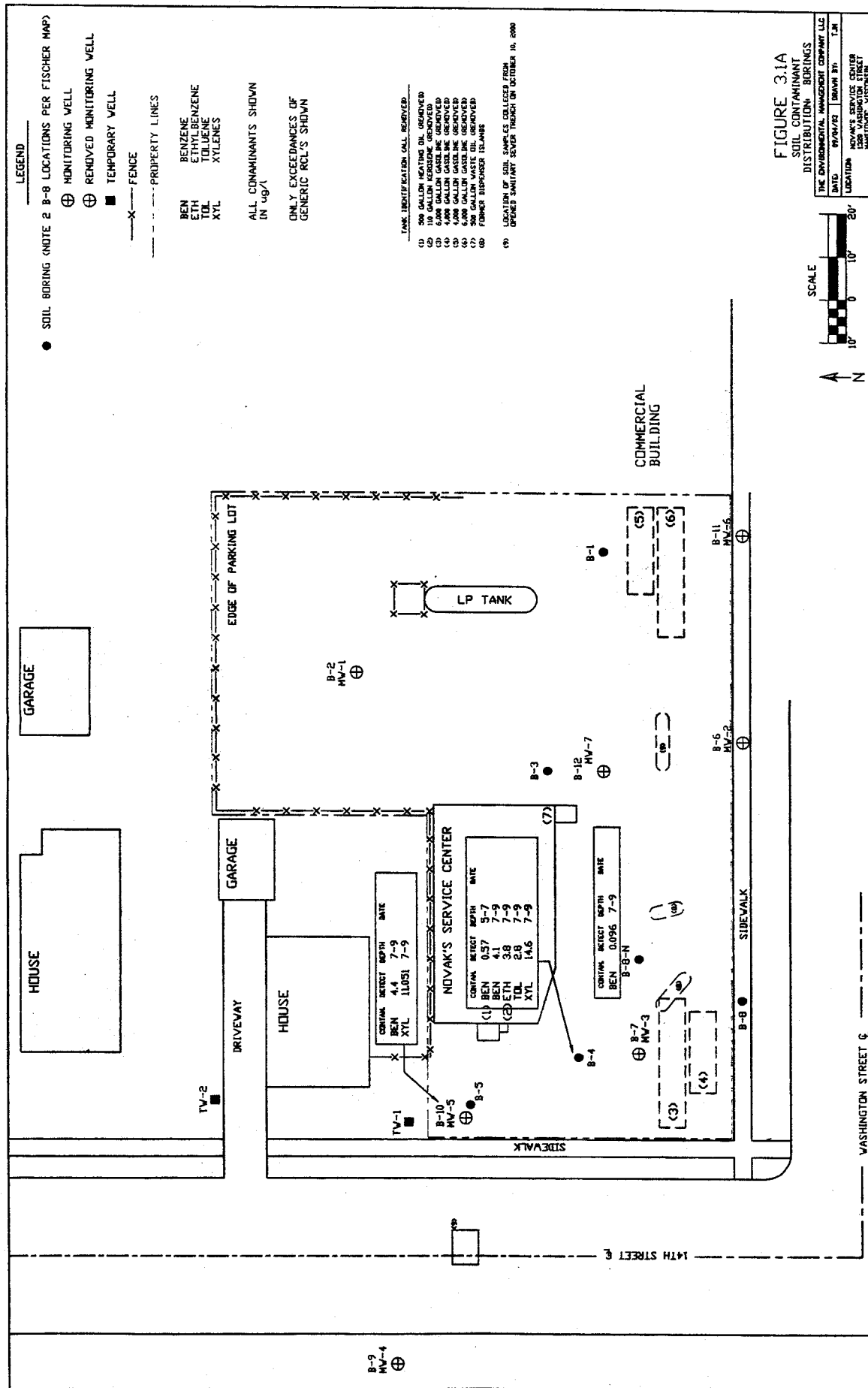
July 8, 2003

Table 6
GROUNDWATER ELEVATION MEASUREMENTS
(Using Temporary Bench Mark)
Novak's Service Center
1320 Washington Street • Manitowoc, WI
Recorded in Feet

MW-6	01/29/98	100.20	8.85	91.35
	02/26/98		8.44	91.76
	05/06/98		8.00	92.20
MW-7	01/29/98	99.07	8.18	90.89
	02/26/98		7.50	91.57
	05/06/98		7.85	91.22
	09/21/99		7.81	91.26
	12/02/02		8.13	90.94

July 8, 2003

Note: Referenced to temporary bench mark using 100.00'



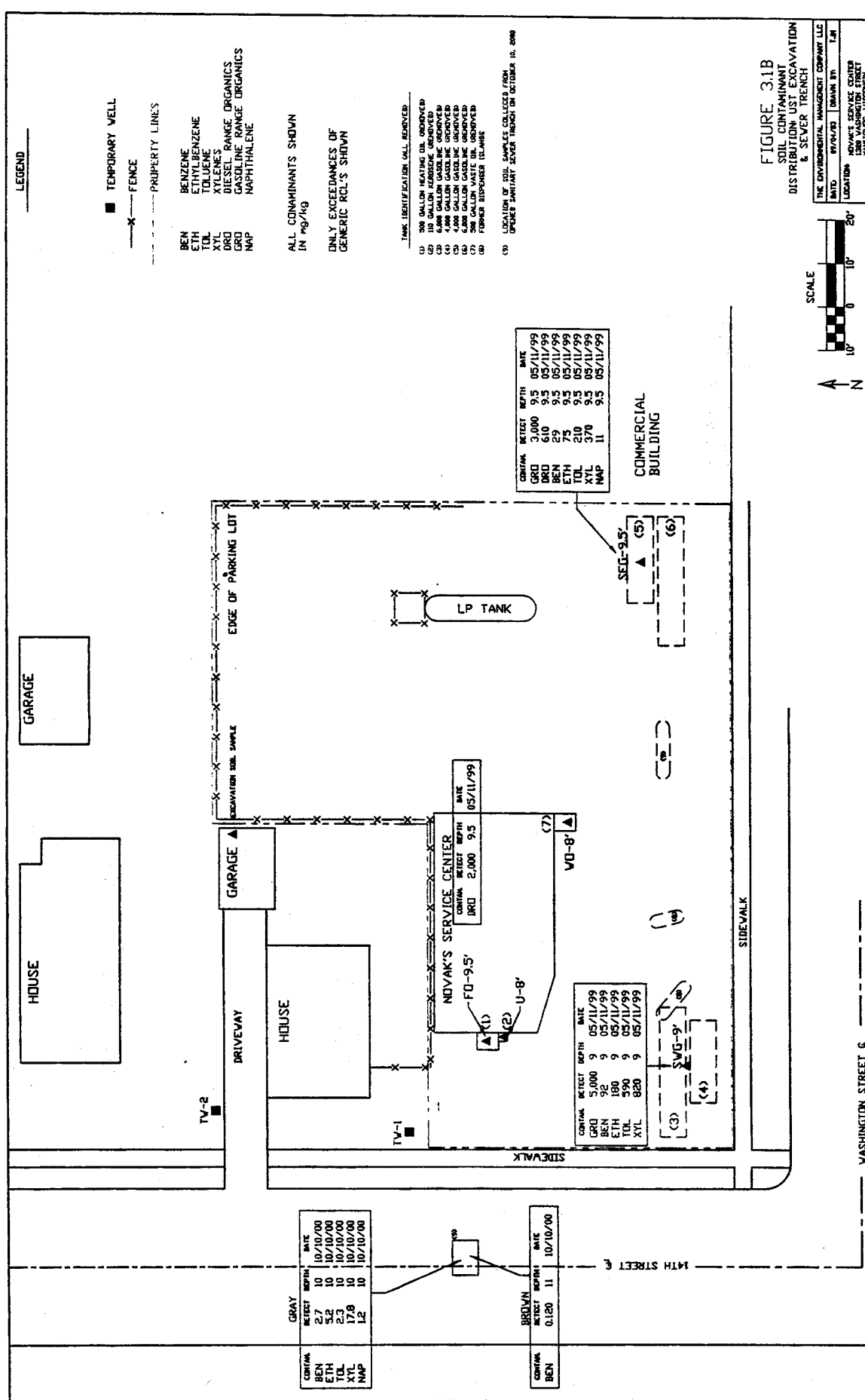
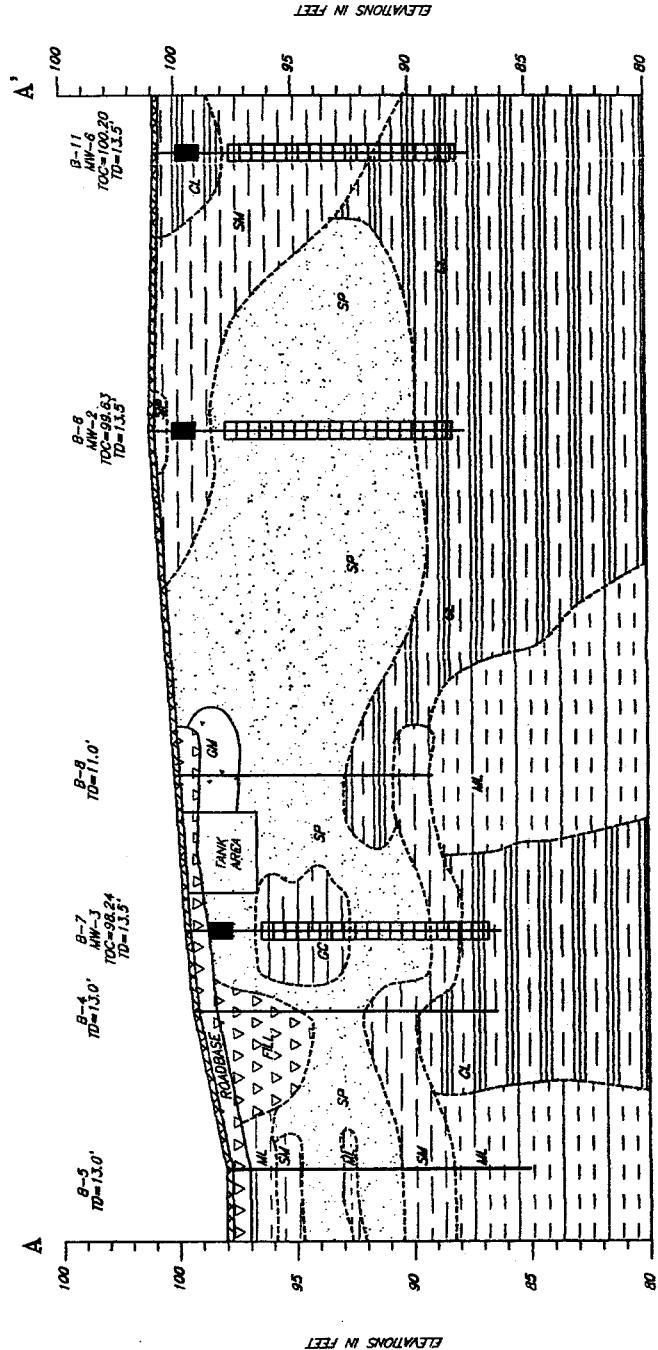
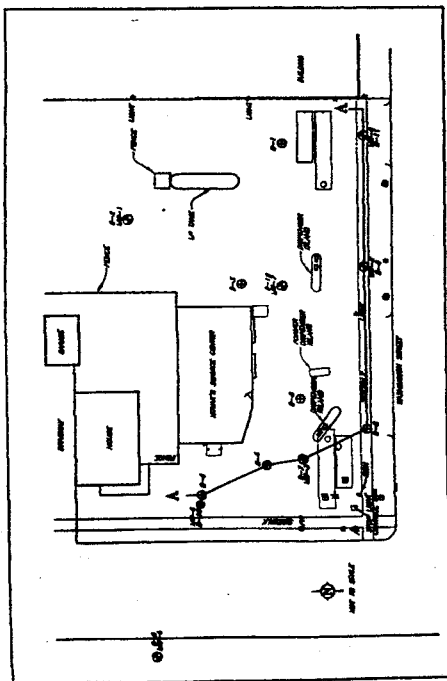
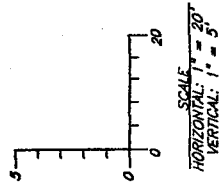


FIGURE 4: GEOLOGIC CROSS-SECTION A-A'

SYMBOL	EXPLANATION	SYMBOL	EXPLANATION
ASPH/	See bore logs	SP	Silty sands, sand-silt mixtures
REL	See bore logs	SM	Intergrade silt, and very fine sand, poor clay plasticity or clayey fine sand or clayey silt with slight plasticity
GM	Silty gravels, gravel-sand-silt mixtures		
GC	Clayey gravels, gravel-sand-silt mixtures		
CL	Clayey silts, silty clays, silty sand, silty clay, silty clayey sand, silty clayey silt, silty clayey sand, silty clayey silt, silty clayey sand, silty clayey silt		
SC	Heavy graded sands or gravelly sands, little or no clay		
ML	Silty sands, sand-silt mixtures		

NOTE: ELEVATIONS IN FEET BASED ON A BENCHMARK SET ON SITE WITH AN ASSUMED ELEVATION OF 100.00 FEET.



I, Gary L. Novak, believe that the legal description of each property within the boundary of contamination sourced from my property has been attached. This includes only my property, located at 1320 Washington Street, Manitowoc, Wisconsin 54220. The only known off-site contamination sourced from my property extends west into the public right-of-way (14th Street).

Gary L. Novak
Gary L. Novak

8.26.03
Date

15322

NOVAK'S SERVICE CENTER

1320 WASHINGTON ST.
MANITOWOC, WI 54220

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Gary L. Novak MP

⑈015322⑈ ⑈075901134⑈ 1001 2090⑈

September 4, 2003

Mr. William G. Handlos, P.E.
Director of Public Works and City Engineer
City Hall
900 Quay Street
Manitowoc, WI 54220

Re: Novak Service Center, 1320 Washington Street, Manitowoc, Wisconsin

Dear Mr. Handlos:

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC (TEMCO) is in the process of requesting case closure of petroleum soil and groundwater contamination at the above referenced facility from the Wisconsin Department of Commerce. One of the requirements for case closure is to determine whether contaminant migration off-site has occurred, and, if relevant, the impact on municipal utility corridors.

The site investigation completed for the site in July 1998 identified soil and groundwater contamination near the west property line, adjacent to the 14th Street right -of-way (ROW). The WDNR requested that TEMCO install a soil boring and groundwater monitoring well in 14th Street to determine the impact of potential off-site contaminant migration on the utility trenches beneath 14th Street. The City requested TEMCO conduct direct sampling from the sewer trench which it planned to open for sewer replacement in lieu of installing a monitoring well in the street. On October 10, 2000 three (3) soil samples were collected from the open sewer trench and analyzed for petroleum contamination. The results are contained in the enclosed analytical data tables.

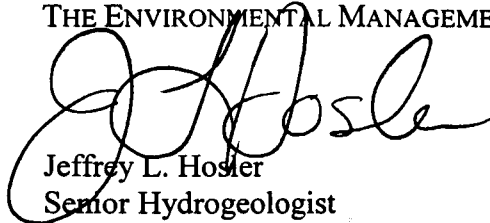
Several soil contaminants were identified in excess of generic Residual Contaminant Levels (RCL), particularly in the soil sample collected from 10 feet below ground surface. The direction of shallow groundwater flow in the area of the site is west. Groundwater contaminant levels in samples collected from monitoring well MW-4, on the west side of 14th Street, have consistently been non-detectable since monitoring began in 1998. The implication of the data is that petroleum contamination, which is contained within the "smear zone" from about 7 to 10 feet below ground surface, is intercepted by the municipal water and/or sanitary sewer trench beneath 14th Street.

Laboratory analytical data in field measurements conducted during groundwater monitoring events at the site indicate that remediation by natural attenuation processes (RNA) are active at the site. These processes will eventually consume the residual soil and groundwater petroleum contamination beneath the site and the adjacent east side of 14th Street.

Please contact me with any questions which may arise.

Sincerely,

THE ENVIRONMENTAL MANAGEMENT COMPANY LLC

A handwritten signature in cursive script, appearing to read "J. Hosler".

Jeffrey L. Hosler
Senior Hydrogeologist
Principal

Enclosure

cc: Mr. Gary L. Novak
Mr. Robert H. Klauk - Wisconsin Department of Commerce
Mr. David J. Diedrich - First National Bank